



HURRICANES!!!

By Lucy, Rayna, and Zoe!

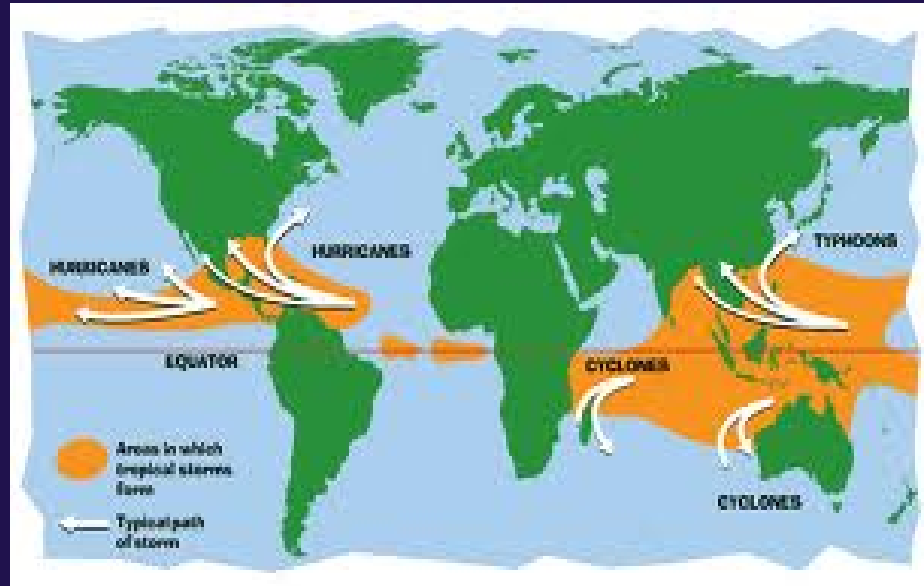
What is a hurricane?

A hurricane is a big powerful storm with strong winds that forms over the ocean. It causes heavy, strong rain that can blow people away with it's powerful forces.



Where are they found?

It is found in Florida, to Texas and the east coast of New England. There are also rarely some off to the west coast.



When do they occur?

- Late summer, early fall.
- The hurricane season starts June 1st, and ends November 30th.

<i>June</i>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday



How much damage do they cause?

- A hurricane can blow a car away!
- Hurricanes has so much power it floods houses!
- Hurricanes will tore off trees from their roots, houses from their basement, and cars straight from the road



How do they form?

- Cluster of thunderstorms
- Become better organized
- Takes hours to even *days*.
- Tropical islands are key



How do they form? (Continued)

Three main things.

- Continuous evaporation and condensation cycle
- Patterns between the different forces of winds
- Difference in the air pressure between the surface and high altitude.

How do you keep safe?

- Make a plan ahead of time.
- Always listen to a radio or t.v.
- Always have a fresh stock of water and canned food.
- Never forget the blankets!



AWESOME STORY ABOUT A HURRICANE!!!!!!

- Hurricane Elena 1985.
This hurricane was a
trickster.
- She was headed Biloxi,
Mississippi and she
turned her back to
Florida and hit
Mississippi!



Is a hurricane a threat to Ohio?

- Yes
- Hurricane Ike (Cincinnati Black out)
- Hit Ohio, very large destruction, power outages.
- Dangerous winds
- Heavy rain, flooding



How is a hurricane measured?

Saffir-Simpson scale

- 1 - 5 category based on damage and wind speed.
- 1 is at a low rate, and 5 would be very harmful and destructive.

Saffir-Simpson Hurricane Scale					
Category		Sustained Winds (mph)	Storm Surge	Damage	Examples
1		74-95	4-5 feet	Minimal	Danny-1997 (AL)
2		96-110	6-8 feet	Moderate	Georges- 1998 (FL-MS)
Intense	3	111-130	9-12 feet	Extensive	Fran-1998 (NC)
	4	131-155	13-18 feet	Extreme	Andrew-1992 (FL)
	5	>155	>18 feet	Catastrophic	Camille-1969 (MS)